

EAST - [10728468.wsp:4]

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☐ Drafts
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☒ Active

☐ L1: (510514) Classify or classifying or classifier or classification or sort or sorted or sorting.
☐ L2: (708151) transmitter or emitter
☐ L3: (85625) radar
☐ L4: (1890) data (name) cluster
☐ L5: (5714) 1 and 2
☐ L6: (565) 3 and 5
☐ L7: (28) 4 and 6
☐ L8: (672) ((34213) or (34290)) CCLS
☐ L9: (21890) 4 mid cluster
☐ L10: (76) 8 and cluster
☐ L11: (25) 10 not 7
☐ L12: (2405) ((34213) or (34290) or (342192) or (342194) or (342195) or (343186))
☐ L13: (1979) 12 mid @ad<="20031205"

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L1: (510514) Classify or classifying or classifier or classification or sort or sorted or sorting.
 L2: (708151) transmitter or emitter
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 L9: (21890) 4 mid cluster
 L10: (76) 8 and cluster
 L11: (25) 10 not 7
 L12: (2405) ((34213) or (34290) or (342192) or (342194) or (342195) or (343186))
 L13: (1979) 12 mid @ad<="20031205"

34213
 34290
 342192
 342194
 342195
 342196

Search Terms: 34213, 342192, 342194, 342195, 342196, 34290, 34290 OR 342195

Search Terms	Total	USPAT	US-PGP	EPO	JPO	Derwent
1 34213	180					
2 342192	144					
3 342194	548					
4 342195	326					
5 342196	507					
6 34290	117					
7 34290 OR 342195						

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Best Available Copy

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	510314	Classify or classifying or classifier or classification or sort or sorted or sorting or sorter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:47
L2	708151	transmitter or emitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:47
L3	85625	radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:47
L4	21890	data same cluster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:48
L5	5714	1 same 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:48
L6	565	3 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:48
L7	28	4 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:52
L8	672	((342/13) or (342/90)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 13:52

L9	21890	4 and cluster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:52
L10	36	8 and cluster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:52
L11	35	10 not 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:57
L12	2405	((342/13) or (342/90) or (342/192) or (342/194) or (342/195) or (342/196)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 13:58
L13	1979	12 and @ad<="20031205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 13:58

SEARCH NOTES FOR EAST AND IEEE AND INSPEC AND IP.COM

SERIAL NUMBER

10728468

EAST SEARCH

EAST: search history attached

Search terms:

Classify or classifying or classifier or classification or sort or sorted or
sorting or sorter

Transmitter or emitter

Radar

Data cluster

IEEE SEARCH

Search terms:

((Classify <or> classifying <or> classifier <or> classification <or> sort <or>
sorted <or> sorting <or> sorter) <paragraph> (Transmitter <or> emitter))
<and> radar <and> cluster

1. The minimum description length criterion applied to emitter number detection and pulse classification

Liu, J.; Gao, S.; Luo, Z.-Q.; Davidson, T.N.; Lee, J.P.Y.

Statistical Signal and Array Processing, 1998. Proceedings., Ninth IEEE SP Workshop
on

14-16 Sep 1998 Page(s):172 - 175

2. Fractal feature extraction of radar emitter signals

Gexiang Zhang; Weidong Jin; Laizhao Hu

Environmental Electromagnetics, 2003. CEEM 2003. Proceedings. Asia-Pacific
Conference on

4-7 Nov. 2003 Page(s): 161 - 164

3. Complexity feature extraction of radar emitter signals

Gexiang Zhang; Laizhao Hu; Weidong Jin

Environmental Electromagnetics, 2003. CEEM 2003. Proceedings. Asia-Pacific

4. Online Clustering Algorithms for Radar Emitter Classification

Jun Liu; Lee, J.P.Y.; Lingjie Li; Zhi-Quan Luo; Wong, K.M.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 27, Issue 8, Aug. 2005 Page(s): 1185 - 1196

INSPEC SEARCH

Search terms:

((Classify or classifying or classifier or classification or sort or sorted or
sorting or sorter) same (Transmitter or emitter)) and Radar and cluster

INSPEC - 1969 to date (INZZ)

Radar emitter classification using intrapulse data.

Author(s)

Wong-K-M; Zhi-Quan-Luo; Jun-Liu; Lee-J-P-Y; Shiwei-Gao.

Source

AEU-International-Journal-of-Electronics-and-Communications (Germany), vol.53, no.6,
p.324-32, 1999.

, Published: Urban Fischer Verlag.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

1

IP.COM SEARCH

Search terms:

((Classify or classifying or classifier or classification or sort or sorted or
sorting or sorter) and (Transmitter or emitter)) and Radar and cluster

Result # 1 Relevance: ○○○○○○

Method for high resolution radar imagery and accurate dimensional measurements

12-Sep-2000

IPCOM000001175D

English (United States)

This invention involves a method of processing radar returns to form two-dimensional images of targets
such as ground vehicles, aircraft, ships, and so forth. Resolution in one dimension is provided by range
resolution, and resolution in the other dimension is provided by ...

Result # 2 Relevance: ○○○○○○

Infrared coherent optical sensor

12-Sep-2000

IPCOM000000928D

English (United States)

A dual-beam amplitude-modulated laser transmitter/receiver suitable for laser-radar applications is scalable
to high powers because there is no active modulator element that the laser beam passes through. The

transceiver comprises a laser source with two separate independent...